



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number:

09/990,874A

Source:

IFW/6-

Date Processed by STIC:

5/20/04

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT

MARK SPENCER, TELEPHONE: 703-308-4212; FAX: 703-308-4221

Effective 12/13/03: TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER
VERSION 4.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND
TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkr41note.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses.

1. EFS-Bio (<<http://www.uspto.gov/ebs/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to (EFFECTIVE 12/01/03):
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two,
2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office,
Box Sequence, Room 4B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 10/08/03



IFW16

RAW SEQUENCE LISTING

DATE: 05/20/2004

PATENT APPLICATION: US/09/990,874A

TIME: 10:15:31

Input Set : A:\205448_1.doc

Output Set: N:\CRF4\05202004\I990874A.raw

3 <110> APPLICANT: Sung, Wing
 5 <120> TITLE OF INVENTION: Xylanases with Enhanced Thermophilicity and Alkalophilicity
 7 <130> FILE REFERENCE: 07121.0003U1
 9 <140> CURRENT APPLICATION NUMBER: 09/990,874A
 10 <141> CURRENT FILING DATE: 2001-11-21
 12 <160> NUMBER OF SEQ ID NOS: 71
 14 <170> SOFTWARE: PatentIn version 3.0

ERRORED SEQUENCES

1532 <210> SEQ ID NO: 47
 1534 <211> LENGTH: 54 66 shown below
 1536 <212> TYPE: DNA
 1538 <213> ORGANISM: Artificial
 1540 <220> FEATURE:
 1542 <223> OTHER INFORMATION: Tx-144R-1r
 1546 <400> SEQUENCE: 47
 1547 ccatgcatta aagtgatctg cagtattaac cgaaccggag ctccgacgat tacgtctaac
 E--> 1549 actcca

Does Not Comply
Corrected Diskette Needed

pg 1-2

60
66 ←

09/990,874A 2

<210> 56

<211> 112

<212> DNA

<213> Artificial
misspelled

Artificial
≡

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/990,874A

DATE: 05/20/2004
TIME: 10:15:32

Input Set : A:\205448_1.doc
Output Set: N:\CRF4\05202004\I990874A.raw

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44
Seq#:45,46,47,48,49,50,51,52,53,55,57,58,59,60,61,62,63,64,65,66,67,68,69,70
Seq#:71

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/990,874A

DATE: 05/20/2004

TIME: 10:15:32

Input Set : A:\205448_1.doc

Output Set: N:\CRF4\05202004\I990874A.raw

L:1549 M:252 E: No. of Seq. differs, <211> LENGTH:Input:54 Found:66 SEQ:47

L:1767 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:56